

DAFTAR PUSTAKA

- Abdullah, M. (2007). Review Sintesis Nanomaterial, *Jurnal Nanosains & Nanoteknologi, ITB*, 1(c), p7–15.
- Arinasa. (2013). Jenis-Jenis Bambu di Bali dan Potensinya, *Jurnal Konservasi Tumbuhan Kebun Raya Eka Karya Bali*, vol (1), p1-134.
- Arsad, E. (2015). Teknologi Pengolahan Dan Manfaat Bambu. *Jurnal Riset Industri Hasil Hutan*, 7(1), p45–52.
- Bajorek, A., Prusik, K., Zubko, M., Wojtyniak, M., & Chelkowska, G. (2017). Characterization of HoCo₃ nanoflakes synthesized via high energy ball – milling. *Materials Chemistry and Physics*, 194, p105–117.
- Erdemir, F. (2017). Study on particle size and X-ray peak area ratios in high energy ball milling and optimization of the milling parameters using response surface method. *Measurement: Journal of the International Measurement Confederation*, 112, p53–60.
- Fajarin, R., Purwaningsih, H., Widyastuti, Susanti, D., & Helmy, R. K. (2014). Milling Time and Temperature Dependence on Fe₂TiO₅ Nanoparticles Synthesized by Mechanical Alloying Method. *3rd International Conference on Theoretical and Applied Physics*, p63–66.
- Farrelly, D. (1984). Anecdotal Evidence The Benefits of Bamboo, *Journal of the American Bamboo Society*, 26(1), p130–166.
- Giat, S., & Ari, W. (2012). Pembentukan Nanopartikel Paduan CoCrMo Dengan Metoda Pemanduan Mekanik. *Pusat Teknologi Bahan Industri Nuklir – BATAN*.
- Guanjun, Q. (2002). Mechanical properties and microstructure of Si/SiC materials derived from native wood. *Materials Science and Engineering A*, 323(1–2), p301–305.
- Herminiwati, H., Waskito, S., Purwanti, C. M. H., Prayitno, P., & Ningsih, D. (2015). Pembuatan bahan penyamak nano nabati dan aplikasinya dalam penyamakan kulit. *Majalah Kulit, Karet, Dan Plastik*, 31(1), p15–22.
- Hernández-Martínez, S. E., Cruz-Rivera, J. J., Garay-Reyes, C. G., Elias-Alfaro, C. G., Martínez-Sánchez, R., & Hernández-Rivera, J. L. (2015). Application

of ball milling in the synthesis of AA 7075-ZrO metal matrix nanocomposite. *Powder Technology*, 284, p40–46.

Horiba. (2000). “Nanoparticle Analyzer Nano Partica SZ-100 Series.” Retrieved from <http://www.horiba.com/scientific/products>. Diakses pada tanggal 14 November 2017.

Inkson, (2016). Scanning Electron Microscopy (SEM) and Transmission Electron Microscopy (TEM) for Materials Characterization. *Materials Characterization Using Nondestructive Evaluation (NDE) Methods*.

Jeol, (2012). JSM-6510 series, from <http://www.jeol.co.jp/JSM-6510series> *Scanning Electron Microscope*. Diakses pada tanggal 14 November 2017.

Krause, J. Q. (2016). On the influence of Dendrocalamus giganteus bamboo microstructure on its mechanical behavior. *Construction and Building Materials*, 127, p199–209.

Kumar, A., Vlach, T., Laiblova, L., Hrouda, M., Kasal, B., Tywoniak, J., & Hajek, P. (2016). Engineered bamboo scrimber: Influence of density on the mechanical and water absorption properties. *Construction and Building Materials*, 127, p815–827.

Kuziora, P., Wyszynska, M., Polanski, M., & Bystrzycki, J. (2014). Why the ball to powder ratio (BPR) is insufficient for describing the mechanical ball milling process. *International Journal of Hydrogen Energy*, 39(18), p9883–9887.

M.Muhriz A, S. (2011). “Pembuatan Zeolit Nanopartikel dengan Metode High Energy Milling.” *Jurnal Sains & matematika*, vol (10)1, p11–17.

Man, L. (2007). Microstructural characterization of mechanically activated ZnO – Cr 2 O 3 system, 25(August 2007), p2081–2084.

Mio, Kano, J., Saito, F., & Kaneko, K. (2002). Effects of rotational direction and rotation-to-revolution speed ratio in planetary ball milling. *Materials Science and Engineering A*, 332(1–2), p75–80.

Novarini, & Wahyudi, T. (2011). Menggunakan Surfaktan Sebagai Stabilisator dan Aplikasinya pada Pembuatan Tekstil Anti Bakteri Synthesis Of Zinc Oxide (ZnO) Nanoparticles Using Surfactant As A Stabilizing Agent and It's Applications in Antibacterial Textiles Fabrication, p81–87.

- Rao. (2011). Production of nano structured silicon carbide by high energy ball milling. *International Journal of Engineering, Science and Technology*, 3(4), p82–88.
- Razavi-Tousi, S. S., & Szpunar, J. A. (2015). Effect of ball size on steady state of aluminum powder and efficiency of impacts during milling. *Powder Technology*, 284, p149–158.
- Rochow, (1978). Scanning Electron Microscopy. *An Introduction to Microscopy by Means of Light, Electrons, X-Rays, or Ultrasound*, p273–274.
- Salihati, F., & Ardhyanta, H. (2013). Studi Pembuatan Karbon Hitam dari Bambu Ori (*Bambusa arundinacea*) dan Bambu Petung (*Dendrocalamus asper*). *Teknik Pomits*, 1(2), p1–6.
- Salili, S., Ataie, A., & Sadighi, Z. (2011). Effect of ball size and ball to powder ratio variation on crystallite size and formation of nanocrystalline materials in planetary ball mill. *AIP Conference Proceedings*, 1400, p127–130.
- Sankaranarayanan, S., Jayalakshmi, S., & Gupta, M. (2013). Effect of nano-Al 2O₃ addition and heat treatment on the microstructure and mechanical properties of Mg-(5.6Ti+3Al) composite. *Materials Characterization*, 75, p150–164.
- Suryanarayana, (2001). Mechanical alloying and milling. *Progress in Materials Science*, 46(1–2), p1–184.
- Sutiyono, (2007). Pengaruh Jarak Tanam Terhadap Pertumbuhan Bambu Tutul, *Jurnal Riset Industri Hasil Hutan*, 3(4), p50–88.
- Waluyo, T. B., & Rochman, N. T. (2013). Pembuatan Partikel Nano Fe₂O₃ dengan Kombinasi Ball-Milling dan Ultrasonic-Milling, (1), p48–51.
- Wawan J. (2017). Produksi nanopartikel arang bambu wulung dengan menggunakan High Energy Milling (HEM) model shaker mill, *Jurnal Teknik Mesin UMS*, p1-18.
- Widyastuti, Wahyu B. Widayatno, & Indra R., (1998). Pengaruh Ball to Powder Weight Ratio (BPR) Dan Waktu Milling Terhadap Perubahan Fasa Dan Morfologi Paduan Cu-30%Zn dengan Mechanical Alloying, *Jurnal Material & Metalurgi, ITS*, p1–10.

- Wu, S. C., Hsu, H. C., Hsu, S. K., Chang, Y. C., & Ho, W. F. (2016). Synthesis of hydroxyapatite from eggshell powders through ball milling and heat treatment. *Journal of Asian Ceramic Societies*, 4(1), p85–90.
- Xie, W., Polikarpov, E., Choi, J. P., Bowden, M. E., Sun, K., & Cui, J. (2016). Effect of ball milling and heat treatment process on MnBi powders magnetic properties. *Journal of Alloys and Compounds*, 680, p1–5.
- Zakeri, M., Ramezani, M., & Nazari, A. (2012). Effect of ball to powder weight ratio on the mechanochemical synthesis of MoSi₂-TiC nanocomposite powder. *Materials Research*, 15(6), p891–897.
- Zhang, J. (2014). Influence of ball size distribution on grinding effect in horizontal planetary ball mill. *Advanced Powder Technology*, 25(3), p983–990.
- Zhang, P., Jia, D., Yang, Z., Duan, X., & Zhou, Y. (2013). Influence of ball milling parameters on the structure of the mechanically alloyed SiBCN powder. *Ceramics International*, 39(2), p1963–1969.
- Zou, L. (2009). Nanoscale structural and mechanical characterization of the cell wall of bamboo fibers. *Materials Science and Engineering: C*, 29(4), p1375–1379.